

**Patient Name:** Master. Abdul Basit Shaikh

**Age:** 15 Y

**Sex:** M

**Ref. By:** Dr. Mishil Parikh

**Registration Date:** 10/09/2018

**Sample Collected At:** NA.

**Reporting Date:** 12/09/2018

**HISTOPATHOLOGY REPORT**

**PSL 881/18**

**Nature of Specimen:** J Needle Biopsy from Right Distal Femur Lesion

**Clinical Data:** The distal femur shows mixed lytic sclerosis changes with large medial soft tissue component.

**MRI Right Thigh:** Ill-defined area of abnormal marrow signal intensity involving the distal metaphyseal region of femur with extension, cortical break, associated soft tissue and periosteal reaction. Findings most likely suggestive of neoplastic etiology like osteogenic sarcoma.

**Gross:** Received multiple linear cores; aggregating to 2 x 1.5 x 1 cm in size; submitted entirely.

**Microscopy:** The biopsy reveals a high grade malignant spindle cell neoplasm composed of fascicles of cells with nuclear atypia and atypical mitotic activity. Islands of cartilage with nuclear atypia are seen. Small foci of osteoid are noted.

Hemosiderin pigment is seen in some of the cells.

**Impression:** J Needle Biopsy from Right Distal Femur Lesion:

The Histological Features are consistent with High Grade Osteosarcoma with Chondroblastic Differentiation.

**Enclosed:** Block. Please preserve carefully for future reference.

**-: End of Report: -**

*Gauri Vidolkar*

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